

Brady Creek Dam and Brady Creek Reservoir

OWNER

City of Brady.

ENGINEER (Design)

Freese, Nichols and Endress.

LOCATION

On Brady Creek in McCulloch County, 3 miles west of Brady.

DRAINAGE AREA

513 square miles. Part of runoff is controlled by U.S. Soil Conservation Service flood retarding structures.

DAM

Type Earthfill
 Length 8,400 ft
 Height 104 ft
 Top width 36 ft

SPILLWAY (emergency)

Location Right end of dam
 Type Cut channel
 Crest length 1,000 ft
 Crest elevation 1,762.4 ft above msl

SPILLWAY (service)

Type Drop inlet
 Outlet Concrete conduit, 7 by 7 ft
 Crest elevation 1,743.0 ft above msl

OUTLET WORKS

Type Gated outlet tower
 Outlet 36-inch cast iron pipe
 Purpose Low flow release and water supply

STATE AUTHORIZATION

Permit No. 1953 (Application No. 2137) May 2, 1960, authorizes storage of 30,000 acre-feet of water and annual use of 3,000 acre-feet for municipal use and 500 acre-feet for industrial purposes.

RESERVOIR DATA (Based on 1960 U.S. Geological Survey topographic maps)

FEATURE	ELEVATION (FEET ABOVE MSL)	CAPACITY (ACRE-FEET)	AREA (ACRES)
Top of dam	1,783.0	—	—
Crest of emergency spillway	1,762.4	90,310	4,464
Crest of service spillway	1,743.0	30,430	2,020
Invert lowest outlet	1,712.0	1,320	—
Usable storage above outlet	—	29,110	—

GENERAL

Construction started December 27, 1961
 Deliberate impoundment began January 7, 1963
 Dam completed May 14, 1963
 General contractor Roland Sherear, Weatherford, Texas
 Estimated cost of dam \$1,075,600

